

What to Look For in a Strong DOE White Paper

To emulate good examples, white papers for DOE grants (or white papers in DOE solicitations) generally include:

1. **Title / Identifying Information**
 - Project title
 - PI(s), institution(s)
 - Contact information
2. **Problem Statement / Motivation**
 - What scientific or technical gap exists
 - Why this gap matters (to DOE's mission, program objectives, national priorities)
3. **Approach / Methods**
 - How you plan to address the gap
 - Key tasks, strategies, possibly a rough timeline
4. **Expected Outcomes & Impacts**
 - What results you expect (e.g. technical deliverables, data, models)
 - How this contributes to DOE's goals (energy efficiency, clean energy, etc.)
5. **Resources / Facilities / Expertise**
 - What people / infrastructure you have or will need
 - Collaborations if relevant
6. **Budget Estimate (often rough)**
 - How much funding or what scale is needed
7. **Alignment with DOE Priorities or FOA Requirements**
 - Referencing specific program goals, topic areas in the FOA
 - Show you've read the opportunity and understand what they want